METHODS AND APPARATUS FOR ANALYSIS OF ANGIOGRAPHIC AND OTHER CYCLICAL IMAGES

ABSTRACT OF THE DISCLOSURE

A method for analyzing stored frames of time-stamped imaging data and time-stamped physiologic data obtained during a study of a patient during a plurality of cardiac cycles. The imaging data includes frames representative of a succession of images of the patient's heart. These configurations use a computer to analyze the stored physiologic data to determine times of a selected phase in the plurality of cardiac cycles, select, in the plurality of cardiac cycles, stored images corresponding to the determined times of the selected phase, and align and average images corresponding to the selected phase across the plurality of cardiac cycles to produce a single representative frame of image data.